NEWS

NMTBA
The Association For
Manufacturing Technology

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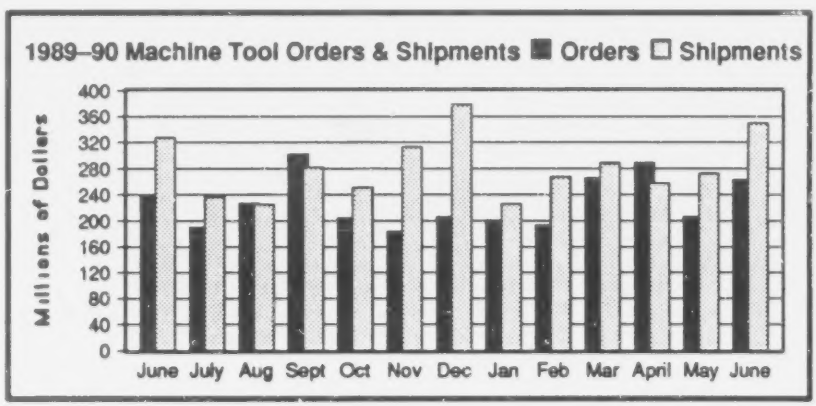
Contact: Charles Pollock, Vice President, Communications, 703–827–5206
Glyn Finley, Statistical Director, 703–827–5255

Machine tool orders and shipments up in June

Total machine tool orders for June rose to $262.65 million, 27.2% higher than May's $206.45 million, according to figures released today by NMTBA – The Association For Manufacturing Technology. Total shipments also rose — going from $272.95 million in May to $350.20 million in June, a 28.3% improvement.



Looking at year–to–date totals: 1990 orders stand at $1,420.05 million, down 4.8% compared to the same period in 1989; 1990 shipments total $1,664.50 million, up 10.6% compared to 1989. Comparing June 1990 to June 1989, orders are up 9.1% and shipments are up 6.9%.

NMTBA President Albert W. Moore commented, "We are very pleased to note that both foreign and domestic orders were strong in June. Second quarter 1990 total orders were the highest since the first quarter of 1989. Analysts had forecasted an improved order picture in the second half of 1990 — we hope that we are seeing the beginning of this predicted upturn."

However, according to Moore, interest rates are an area of concern. He noted, "Our industry is particularly sensitive to interest rates as capital equipment spending requires large outlays. Many of our members and their customers have suffered from increasingly stringent credit conditions.

(more)

The recent statement by Fed Chairman Greenspan that he will step in to ease interest rates if necessary, offers hope that the U.S. economic expansion will continue, and that potential customers for manufacturing equipment will not be discouraged by a lack of credit."

Metal Cutting

From May to June, metal cutting machine tool orders rose 35.0%, reaching $186.00 million. Year–to–date metal cutting orders stand at $986.10 million, down 7.2% compared to 1989. Comparing June 1990 to June 1989, metal cutting orders are up 17.1%.

June's metal cutting shipments totaled $275.65 million, up 42.0%. Year–to–date metal cutting shipments stand at $1,184.60 million, 11.8% higher than the figure for the same period in 1989. June 1990 metal cutting shipments are 16.9% higher than in June 1989.

Metal Forming

Metal forming orders for June reached $76.65 million, up 11.7% compared to May. Year–to–date metal forming orders total $433.95 million, 1.0% higher than in 1989. Comparing June 1990 to June 1989, metal forming orders are down 6.4%.

At $74.55 million, June metal forming shipments were down 5.4% compared to May. Year–to–date metal forming shipments stand at $479.90 million, up 7.6% compared to 1989. Comparing June 1990 to June 1989, metal forming shipments are down 18.8%.

Backlog

The machine tool order backlog for June 1990 is $1,559.15 million, down from May's $1,646.70 million. The June 1989 backlog was $2,177.55 million.

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COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUN 1990	148.60	37.40	186.00	69.90	6.75	76.65	218.50	44.15	262.65
MAY 1990	116.80	21.00	137.80	64.50	4.15	68.65	181.30	25.15	206.45
% CHANGE									
JUN 1990:MAY 1990	+27.2	+78.1	+35.0	+8.4	+62.7	+11.7	+20.5	+75.5	+27.2
JUN 1989	123.05	35.80	158.85	72.85	9.00	81.85	195.90	44.80	240.70
% CHANGE									
JUN 1990:JUN 1989	+20.8	+4.5	+17.1	-4.0	-25.0	-6.4	+11.5	-1.5	+9.1
YEAR TO DATE 1990	803.60	182.50	986.10	366.80	67.15	433.95	1,170.40	249.65	1,420.05
YEAR TO DATE 1989	936.55	125.55	1,062.10	370.95	58.75	429.70	1,307.50	184.30	1,491.80
% CHANGE									
1990 : 1989	-14.2	+45.4	-7.2	-1.1	+14.3	+1.0	-10.5	+35.5	-4.8

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
JUN 1990	240.05	35.60	275.65	70.85	3.70	74.55	310.90	39.30	350.20
MAY 1990	172.30	21.85	194.15	71.00	7.80	78.80	243.30	29.65	272.95
% CHANGE									
JUN 1990:MAY 1990	+39.3	+62.9	+42.0	-0.2	-52.6	-5.4	+27.8	+32.5	+28.3
JUN 1989	199.95	35.75	235.70	70.10	21.75	91.85	270.05	57.50	327.55
% CHANGE									
JUN 1990:JUN 1989	+20.1	-0.4	+16.9	+1.1	-83.0	-18.8	+15.1	-31.7	+6.9
YEAR TO DATE 1990	1,020.80	163.80	1,184.60	430.35	49.55	479.90	1,451.15	213.35	1,664.50
YEAR TO DATE 1989	944.35	115.35	1,059.70	378.60	67.20	445.80	1,322.95	182.55	1,505.50
% CHANGE									
1990 : 1989	+8.1	+42.0	+11.8	+13.7	-26.3	+7.6	+9.7	+16.9	+10.6

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$2,441.85	$ 366.10	$2,807.95	$1,803.60	$2,763.35	$ 432.25	$3,195.60
1990							
JAN	$ 159.20	$ 42.10	$ 201.30	$1,778.55	$ 199.05	$ 27.30	$ 226.35
FEB	$ 157.15	$ 37.40	$ 194.55	$1,705.10	$ 233.30	$ 34.70	$ 268.00
MAR	$ 189.55	$ 76.30	$ 265.85	$1,682.05	$ 246.25	$ 42.65	$ 288.90
APR	$ 264.70	$ 24.55	$ 289.25	$1,713.20	$ 218.35	$ 39.75	$ 258.10
MAY	$ 181.30	$ 25.15	$ 206.45	$1,646.70	$ 243.30	$ 29.65	$ 272.95
JUN (P)	$ 218.50	$ 44.15	$ 262.65	$1,559.15	$ 310.90	$ 39.30	$ 350.20
6 MONTHS	$1,170.40	$ 249.65	$1,420.05		$1,451.15	$ 213.35	$1,664.50

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$2,581.50	$ 405.20	$2,986.70	$ 139.65	$ 39.10	$ 178.75
1990						
JAN	$ 162.30	$ 44.05	$ 206.35	$ 3.10	$ 1.95	$ 5.05
FEB	$ 162.30	$ 38.30	$ 200.60	$ 5.15	$ .90	$ 6.05
MAR	$ 204.10	$ 79.95	$ 284.05	$ 14.55	$ 3.65	$ 18.20
APR	$ 278.80	$ 24.70	$ 303.50	$ 14.10	$ .15	$ 14.25
MAY	$ 195.60	$ 25.95	$ 221.55	$ 14.30	$ .80	$ 15.10
JUN (P)	$ 224.35	$ 47.65	$ 272.00	$ 5.85	$ 3.50	$ 9.35
6 MONTHS	$1,227.45	$ 260.60	$1,488.05	$ 57.05	$ 10.95	$ 68.00

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1989	$1,722.80	$ 253.55	$1,976.35	$1,423.30	$2,059.20	$ 299.40	$2,358.60
1990							
JAN	$ 117.70	$ 23.45	$ 141.15	$1,402.25	$ 143.40	$ 18.80	$ 162.20
FEB	$ 100.45	$ 15.85	$ 116.30	$1,349.05	$ 143.60	$ 25.90	$ 169.50
MAR	$ 132.60	$ 65.60	$ 198.20	$1,333.10	$ 179.80	$ 34.35	$ 214.15
APR	$ 187.45	$ 19.20	$ 206.65	$1,370.80	$ 141.65	$ 27.30	$ 168.95
MAY	$ 116.80	$ 21.00	$ 137.80	$1,314.45	$ 172.30	$ 21.85	$ 194.15
JUN (P)	$ 148.60	$ 37.40	$ 186.00	$1,224.80	$ 240.05	$ 35.60	$ 275.65
6 MONTHS	$ 803.60	$ 182.50	$ 986.10		$1,020.80	$ 163.80	$1,184.60

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1989	$1,837.80	$ 281.65	$2,119.45	$ 115.00	$ 28.10	$ 143.10
1990						
JAN	$ 120.35	$ 25.15	$ 145.50	$ 2.65	$ 1.70	$ 4.35
FEB	$ 102.20	$ 16.70	$ 118.90	$ 1.75	$ .85	$ 2.60
MAR	$ 146.80	$ 69.20	$ 216.00	$ 14.20	$ 3.60	$ 17.80
APR	$ 199.40	$ 19.30	$ 218.70	$ 11.95	$ .10	$ 12.05
MAY	$ 130.20	$ 21.75	$ 151.95	$ 13.40	$ .75	$ 14.15
JUN (P)	$ 152.80	$ 40.85	$ 193.65	$ 4.20	$ 3.45	$ 7.65
6 MONTHS	$ 851.75	$ 192.95	$1,044.70	$ 48.15	$ 10.45	$ 58.60

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	NET NEW ORDERS Foreign	NET NEW ORDERS Total	Order Backlog	SHIPMENTS Domestic	SHIPMENTS Foreign	SHIPMENTS Total
1989	$ 719.05	$ 112.55	$ 831.60	$ 380.30	$ 704.15	$ 132.85	$ 837.00
1990							
JAN	$ 41.50	$ 18.65	$ 60.15	$ 376.30	$ 55.65	$ 8.50	$ 64.15
FEB	$ 56.70	$ 21.55	$ 78.25	$ 356.05	$ 89.70	$ 8.80	$ 98.50
MAR	$ 56.95	$ 10.70	$ 67.65	$ 348.95	$ 66.45	$ 8.30	$ 74.75
APR	$ 77.25	$ 5.35	$ 82.60	$ 342.40	$ 76.70	$ 12.45	$ 89.15
MAY	$ 64.50	$ 4.15	$ 68.65	$ 332.25	$ 71.00	$ 7.80	$ 78.80
JUN (P)	$ 69.90	$ 6.75	$ 76.65	$ 334.35	$ 70.85	$ 3.70	$ 74.55
6 MONTHS	$ 366.80	$ 67.15	$ 433.95		$ 430.35	$ 49.55	$ 479.90

DATE	GROSS NEW ORDERS Domestic	GROSS NEW ORDERS Foreign	GROSS NEW ORDERS Total	CANCELLATIONS Domestic	CANCELLATIONS Foreign	CANCELLATIONS Total
1989	$ 743.70	$ 123.55	$ 867.25	$ 24.65	$ 11.00	$ 35.65
1990						
JAN	$ 41.95	$ 18.90	$ 60.85	$ .45	$ .25	$ .70
FEB	$ 60.10	$ 21.60	$ 81.70	$ 3.40	$ .05	$ 3.45
MAR	$ 57.30	$ 10.75	$ 68.05	$ .35	$ .05	$ .40
APR	$ 79.40	$ 5.40	$ 84.80	$ 2.15	$ .05	$ 2.20
MAY	$ 65.40	$ 4.20	$ 69.60	$ .90	$ .05	$ .95
JUN (P)	$ 71.55	$ 6.80	$ 78.35	$ 1.65	$ .05	$ 1.70
6 MONTHS	$ 375.70	$ 67.65	$ 443.35	$ 8.90	$ .50	$ 9.40

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS

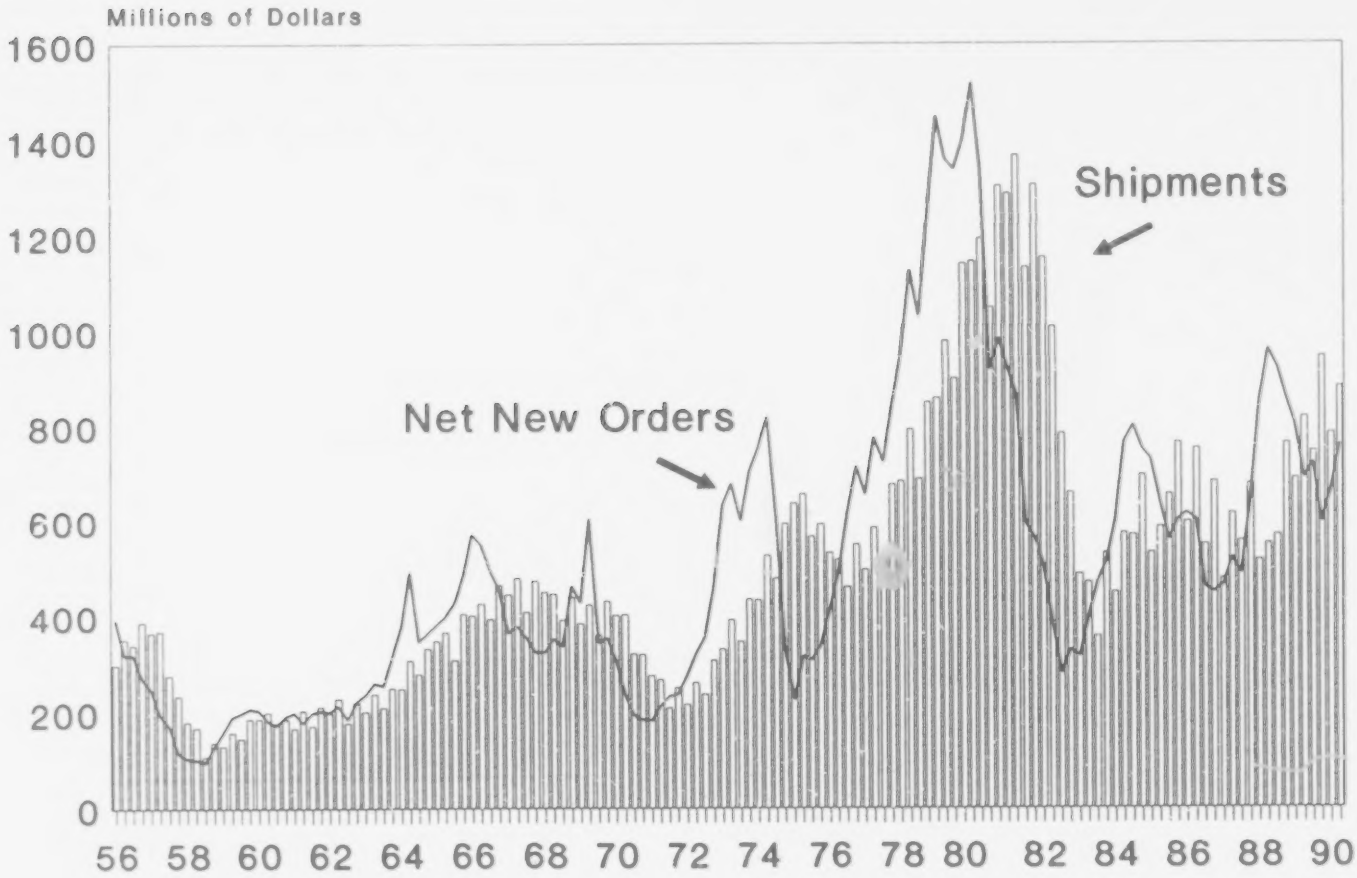
(Dollar Figures in Thousands)
1984 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4	762,250	96,050	857,700	526,050	59,600	650,150	236,200	36,450	207,550
Total	$2,399,100	$296,800	$3,590,850	$1,574,550	$174,450	$2,707,900	$ 824,550	$ 122,350	$ 882,950
1989-1	$ 687,650	$ 81,400	$ 803,300	$ 481,550	$ 50,900	$ 602,550	$ 206,100	$ 30,500	$ 200,750
2	817,850	101,150	688,500	578,150	64,450	459,550	239,700	36,700	228,950
3	745,500	109,350	720,450	574,000	82,600	481,900	171,500	26,750	238,550
4	944,600	140,350	595,700	724,900	101,450	432,350	219,700	38,900	163,350
Total	$3,195,600	$432,250	$2,807,950	$2,358,600	$299,400	$1,976,350	$ 837,000	$ 132,850	$ 831,600
1990-1	$ 783,250	$104,650	$ 661,700	$ 545,850	$ 79,050	$ 455,650	$ 237,400	$ 25,600	$ 206,050
2P	881,250	108,700	758,350	638,750	84,750	530,450	242,500	23,950	227,900
Total	$1,664,500	$213,350	$1,420,050	$1,184,600	$163,800	$ 986,100	$ 479,900	$ 49,550	$ 433,950

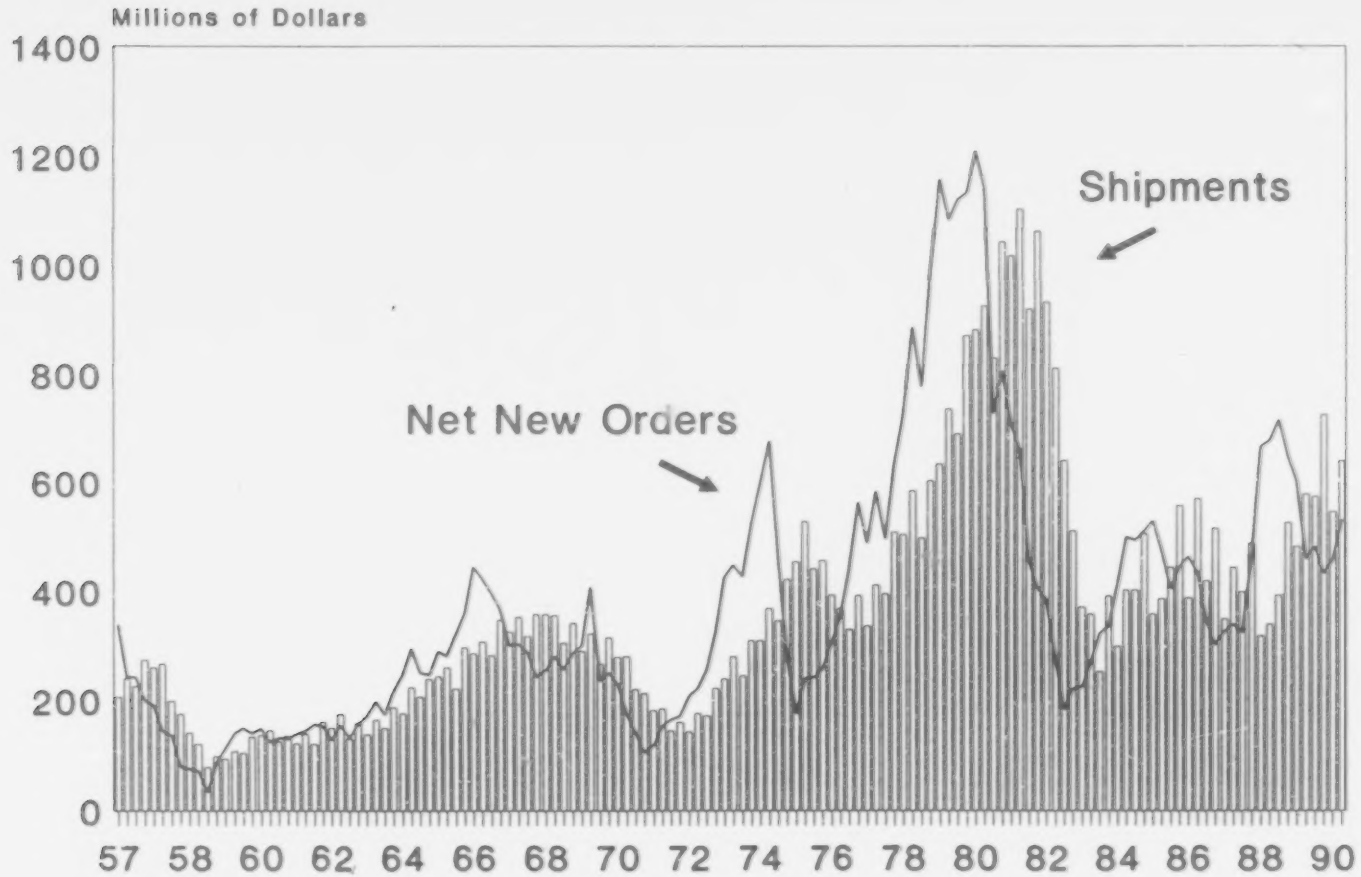
P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

July 30, 1990

Total Machine Tools
Shipments and Net New Orders, Quarterly



Metal Cutting Machine Tools
Shipments and Net New Orders, Quarterly



Metal Forming Machine Tools
Shipments and Net New Orders, Quarterly